

Amendments to the Specification:

Please replace the paragraph that starts on page 1, line 30 and ends on page 2, line 13, of the specification, with the following paragraph:

Generally, in digital mobile communication systems where a variation in channel condition is significant and different types of service traffic channels coexist with each other, a hybrid automatic repeat request (hereinafter referred to as “HARQ”) scheme is used to meet a demand for high-speed data transmission, i.e., to increase transmission throughput. Particularly, as commercialization of a high-speed data transmission service is realized, analysis and research are actively performed on technology for efficiently applying a HARQ scheme using error correction codes with a variable code rate, rather than a HARQ scheme using existing error correction codes with a fixed code rate. For a channel structure for high-speed transmission, a method of using high-level modulation such as 8-ary phase shift keying (8-PSK) and 16-ary quadrature amplitude modulation (16-QAM) beside the general binary phase shift keying (BPSK) or quadrature phase shift keying (QPSK), as a modulation scheme, is also taken into consideration.